

RE: UC - EPA vermiculite data request - response 11122010

Hilbert, Timothy (hilbertj) to: Benson.Bob

12/03/2010 02:42 PM

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To:

Bob, Attached is the updated decision points document. Per your request, next week we will send a comprehensive email including all updated documents.

Tim

-----Original Message-----

From: Benson.Bob@epamail.epa.gov

[mailto:Benson.Bob@epamail.epa.gov]

Sent: Monday, November 29, 2010 2:11 PM

To: Hilbert, Timothy (hilbertj)

Subject: RE: UC - EPA vermiculite data request - response 11122010

Thank you for the update.

My modeler is leaving tomorrow for 8 days in Hawaii so I will do the

briefing with progress to date and where we think the RfC will end up.

I appreciate your efforts to correct the errors you discovered.

There are no time constraints on updating the decision points document.

I will be happy getting something by the end of December or sooner.

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To: Bob Benson/R8/USEPA/US@EPA

Date: 11/29/2010 11:48 AM

Subject: RE: UC - EPA vermiculite data request - response 11122010

Bob, We'll have the CHEEC values to you shortly. The reason for the

delay was that we discovered an error in the Exposure Matrix for 1977.

So we will be sending you an updated Exposure Matrix, CHEEC values

from

2004 and CHEEC values from 1980.

We are also nearly done making the requested edits to the Decision Points document. Do you have the same time constraints for that as well?

Tim

-----Original Message-----

From: Benson.Bob@epamail.epa.gov

[mailto:Benson.Bob@epamail.epa.gov]

Sent: Monday, November 29, 2010 10:43 AM

To: Hilbert, Timothy (hilbertj)

Cc: Borton, Eric (bortonek); brattin@srcinc.com; Lemasters, Grace (lemastgj); Lockey, James (lockeyje); Rice, Carol (ricech)

Subject: RE: UC - EPA vermiculite data request - response 11122010

Thank you for the clarification on 17352 and 17847 and the information

on x-ray improvements.

Can you provide an estimate of when the 1980 CHEEC values will be available? We are scheduled to do a briefing for Superfund management in

DC next week.

From: "Hilbert, Timothy (hilbertj)"

<HILBERTJ@UCMAIL.UC.EDU>

To: Bob Benson/R8/USEPA/US@EPA

Cc: "brattin@srcinc.com" <brattin@srcinc.com>, "Borton, Eric

(bortonek)" <BORTONEK@UCMAIL.UC.EDU>, "Lockey, James

(lockeyje)" <lockeyje@UCMAIL.UC.EDU>, "Lemasters, Grace

(lemastgj)" <LEMASTGJ@ucmail.uc.edu>, "Rice, Carol

(ricech)"

<ricech@ucmail.uc.edu>

Date: 11/24/2010 06:11 AM

Subject: RE: UC - EPA vermiculite data request - response 11122010

Bob,

The two workers 10395 and 14061 had X-rays at the time of their hire so

your modification of the X-ray date to 6/1/80 is fine.

There were no data entry errors regarding 17352 and 17847. We don't

have their x-rays or B-reader forms from 1980 so all we know is the diffuse/discrete determination. However, the 2004 B-reader forms for 17352 indicate pleural changes that could easily have been marked as diffuse pleural thickening (in fact, 1 of the 3 readers did so). We believe 17352 still has the same pleural changes that were called diffuse pleural thickening in 1980. Regarding 17847...the discrete changes from 1980 could have been an over-call or the 2004 could have been an under-call. In any case, he is no longer positive. There were no technological improvements in radiographic equipment between 1980 and 2004 that would have a substantially impact on the readings. There also were no differences in overall film quality that would have a substantial impact on the readings. We will get back to you shortly regarding 1980 CHEEC values. Thanks
Tim

-----Original Message-----

From: Benson.Bob@epamail.epa.gov
[mailto:Benson.Bob@epamail.epa.gov]
Sent: Monday, November 15, 2010 3:43 PM
To: Borton, Eric (bortonek)
Cc: brattin@srcinc.com; Hilbert, Timothy (hilbertj)
Subject: Re: UC - EPA vermiculite data request - response 11122010
It turns out that we also need the CHEEC calculation as of the date of x-ray in 1980. We suggest using the CHEEC as of 05/31/1980 to match the seasonal work schedule. You can either do the full 513 or re-do only those with asbestos other = 0 and job-stop >06/01/1980. Your choice. My count shows the later to be n = 271. I hope this will be our final request for data. We are getting close to an exposure-response model that we think will work. We noted there were two workers (#10395 and #14061) who were not hired

until 06/01/1980, but were included in the 513, so we modified the x-ray

date to 06/01/1980. Please check the records for the hire dates for

these two.

We also noted two discrepancies when comparing the health endpoint in

1980 versus 2004. See list below.

#17352 diffuse in 1980; no radiographic change
in 2004

#17847 discrete in 1980, no radiographic
change in 2004

Please check whether there is a data entry error or a
difference in

diagnosis by the readers.

When we were talking with NCEA last week a question came up about the

quality of the films and x-ray equipment in 2004 versus 1980. This
is a

question for Jim:

Were there improvements made between 1980 and
2004 that
would have

a substantial effect on the reliability of the diagnosis in
1980?



- Marysville Decision Points revised 120310.docx